

#13133
3/27/02

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Sergy K. GORDEEV et al.

Serial No. 09/424,760

GROUP 1754

Filed February 3, 2000

Examiner S. Hendrickson

METHOD FOR PRODUCING A POROUS
CARBON ARTICLE AND AN ARTICLE
PRODUCED THEREBY

PRELIMINARY AMENDMENT

RECEIVED

Commissioner for Patents

MAR 26 2002

Washington, D.C. 20231

TC 1700

Sir:

Prior to the first Office action, please amend the application as follows:

IN THE CLAIMS:

Amend claim 24 as follows:

~~24. (amended) A method for producing a porous carbon article comprising the steps of:~~

~~selecting powders of at least one carbide of an element selected from the group consisting of Group III, IV, V and VI of Mendeleyev's Periodic System, the at least one carbide having physical and chemical constants to obtain a desired nanoporosity using the relationship:~~

$$X = Z * (1-R) / R$$

~~where X = specified size of desired nanopores and~~
 ~~$X \leq 10 \text{ nm}$, nm;~~

$$Z = 0.65-0.75 \text{ nm};$$

$$R = \nu M_c \rho_k / M_k \rho_c$$

SUB C1
RJ